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CONFIDENTIAL

FILE
Air-Fed Inc
Model 2

Chief, TSD/Log

8 September 1960

Chief, Real Estate and Construction Division

Installation of Incinerator Facilities in
West Out Building

REF : Memo to Chief, RECD dated 9 August 1960

1. Your request by reference memo for the installation of a demonstration incinerator in Room 205 in the West Out Building has been considered. In view of your development of a new type of incinerator, your desire to demonstrate it is understood, but the location selected is questionable.
2. Even if the hazard is slight, the required venting is difficult due to the necessity of off-setting the stack beyond the roof overhang and back over the roof, per your verbal request. Beside, to supply air to the unit during operation, a window or corridor door must be opened (both of which would be objectionable in an occupied office), causing a loss of heated or cooled air depending upon the season of the year.
3. Observation of a similar unit at [redacted] indicated minute fly ash during operation, and if stoked to assist in burning packaged material, the fly ash was quite noticeable. At any rate, a screen should be provided at top of stack to reduce the hazard. Adjacent offices with open windows would probably object to operation of the unit.
4. It is also quite probable that Buildings Management, PBS would seriously object to the installation, per se, unless the unit and its operation was explained to them to satisfy their safety requirements.
5. To overcome the above mentioned difficulties and objections, it is recommended that a more suitable location for installation of the unit be considered. The ground floor of a more isolated building would be preferred so that the vent could be horizontally projected outside without hazardous surroundings.

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6. It is noted that the motor for the unit requires three phase power which would probably be difficult to provide in the field. Single phase power would be satisfactory for a 1½ H.P. motor. Also, 50 cycle power in the field would reduce the fan output about 25 per cent, with an equivalent reduction in static pressure.

7. We would be glad to discuss the above comments at your convenience.



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